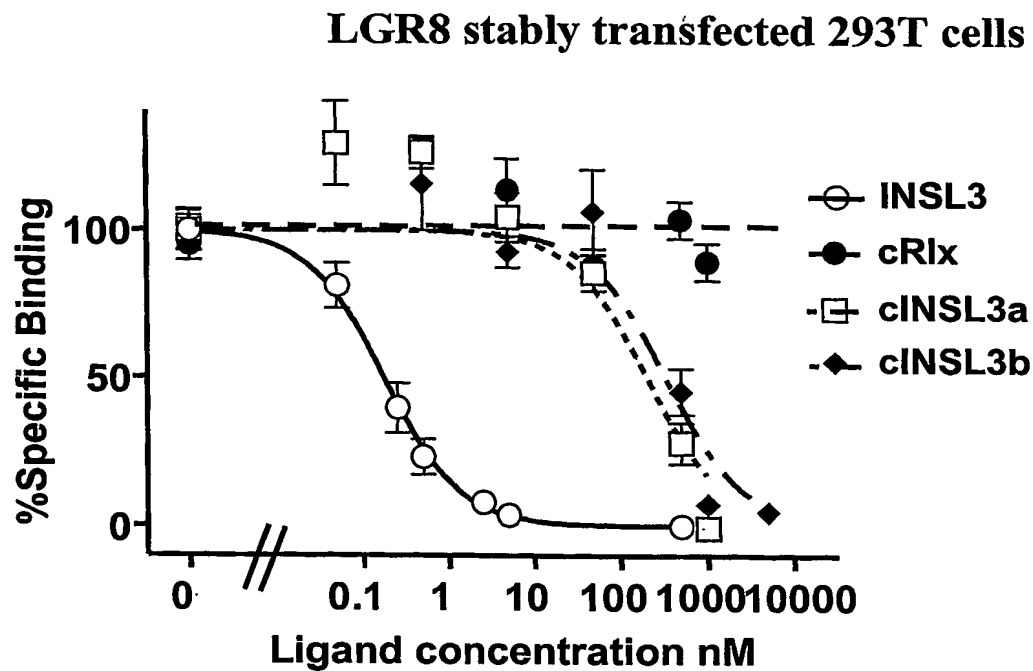


Figure 1



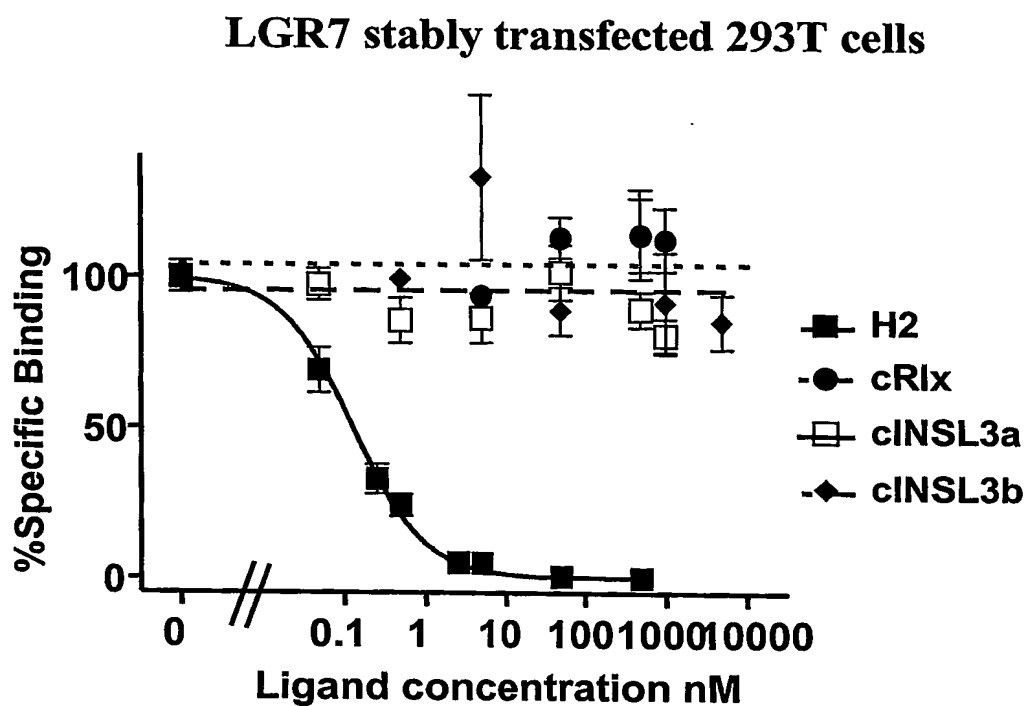
LGR8 pEC₅₀(n=3 to 4)

GB- 0

GBII - -6.79 ± 0.27

GBIII - -6.26 ± 0.23 } ns

Figure 2



LGR7 pEC₅₀ (n=3 to 4)

H2 -10.04±0.37

cRIx -0

cINSLaII - 0

cISNLb - 0

Sequences of relaxin superfamily B-chain peptide analogues

relaxin

DSWMEEVIKLCGRELVRAQIAICGMSTWS

INSL3 B-chain

PTPEMREKLCGHHFVRALVRVCGGPRWSTEA

cRlx

SCMEEVIKLSGRELVRAQIAISGCS

cINSL3a

TPCMREKLSGHHFVRALVRVSGGPCWS

cINSL3b

TPCMREKLSGRHFVRALVRVSGGPCWS

Figure 3

Figure 4

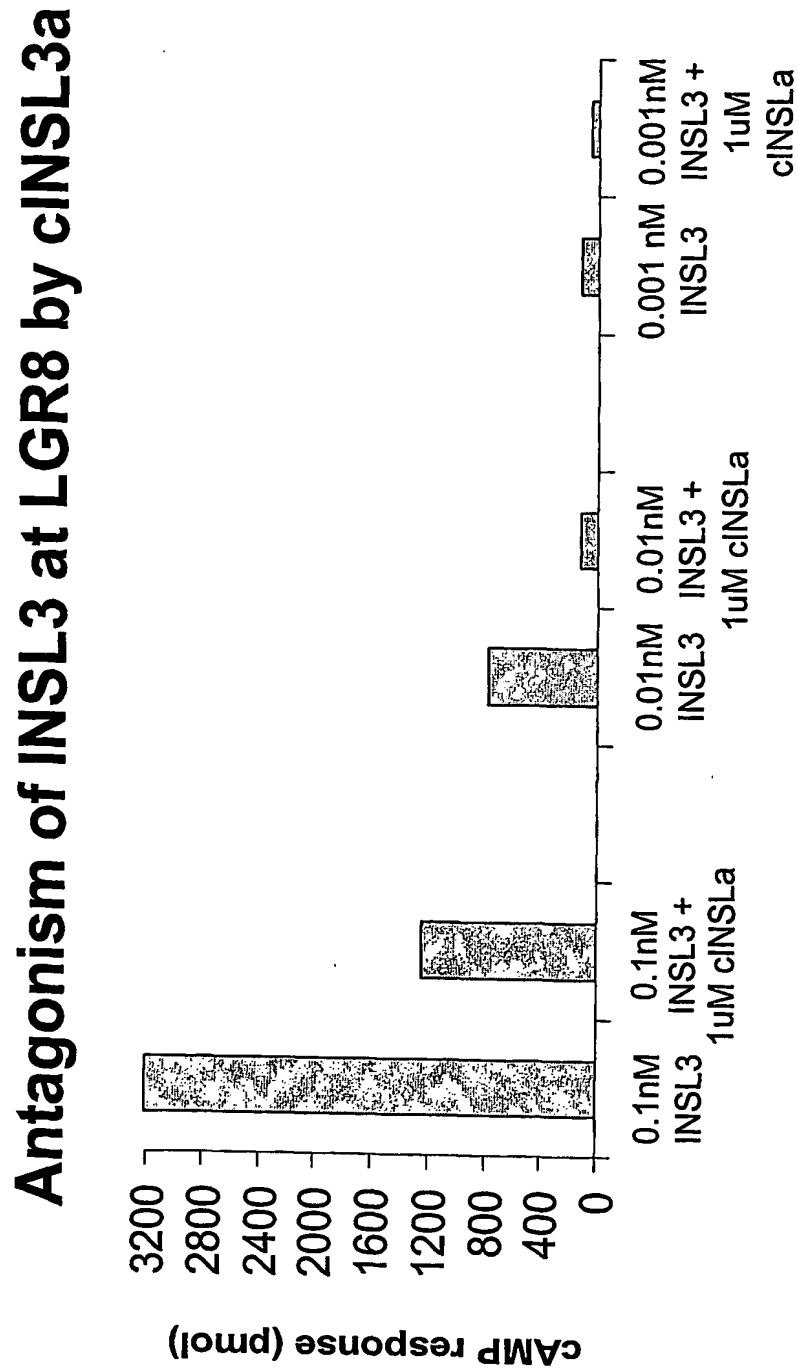


Figure 5

CD spectra of cINSLa in various solvents

